

STUDENT

FILING COVER

To Bind Completed Matter



Course given by

SUBJECT:

End of Haver de Grace
1st Terming trip

For the

NATIONAL SEPARATE-LEAF NOTEBOOK

Patented by E. W. Hill, July 5, 1898.

May 1st Came in light & clear with
light N breeze. At 6.30 AM. a
steamer passed up to an anchorage
near Osborn's float, and immediately
began to load herring. ^{Finished at 3.30 PM}
loaded. ^{& jammed deck fully}

Mr. Glen states that Mr. ^{J. E. Holley}
who owns the pound on Stump Point,
took 200,000 herring on Saturday
& Sunday, all of which went into
the steamers.

Went over to Coulahan's ^{Horse} float.
Got there 1 ripe ♂ rock 2 1/2 cm
& ♀ glut. + 3 herring (spots.)

The haul was 200 bbls glut
@ 500 to the bbl. They had to
use the "rigger" seine. Also had
20 shad, 20 rock mostly small and
a very few white perch.

It is reported that 7000 chad
caught in pound nets in the
Lower bay and delayed in
arrival at market in Baltimore,
were sent to Padville in a fast
steamer, and ground up.

This was told me by a giller,
who said the steamer captain
told him. It must be taken
with a grain of salt, but
indicates the conditions.

The same man accounts
for the number of herring in
the past few years by saying
that the pound nets are
"merely hatching boxes for
herring", and that when there
is a run of herring in warm
water, and the water right, the

nothing of the
kind will be found around
with herring eggs.

Capt. Hamilton reports sharks of
large size as of not uncommon
occurrence about the battery and
says they follow a good run
of rock fish. He specifies the
occurrence of 2 large ones in
June, a few years ago, when
they drove away the rock.

Made 1 haul in outer basin with
the 45 ft. seine. Took 2 gibboses
2 meridia, some *Fundulus diaph.*
(+ *mayalis*?), 1 small eel & ^{several} darters.

After lunch made 1 outside,
& 1 inside haul. - Outside, a
few darters & a couple of
gibboses. Inside, about 50

gillhouse, 25-40 fish, 1 Holbrooks
1 glaucous, & several small
els.

Also took some small
notopis(?) with dif. ant.

Radcliffe came down in the
afternoon.

May 2^d Day came in warm
& clear with light S.W. breeze.
Left early with Radcliffe in the
p.m. along, towing a boat for
Cannon Creek. Went up to head,
winter & made collections, & the
boat. Add Cat. myriophyllus (May)
2 to black box, & els.

Returned to Battery for lunch,
& afterwards went to Coulahan
& Hogans float, inspecting the
cutting & roe canning. Then
to ^(the little) float, & saw
a haul of ~~1000~~ 15,000 herring
(glut) 1 shad & 1 small rock.
Thence to battery, making
many hauls, notes later.

Mr. Glenner went around
the lay boats, & reports 3
steamers loading everything from
the pounds on the W. side of
Elk rock. It was low tide,
& he saw thousands of
white perch gilled hanging
in the pounds.

He also saw ^{Michael} Mitchell,
(shore scum #2 below the

Battery, who said he had
1000 bbls of landing on record
today. Most of them go to
the steamer ^{W. J. 2}

At 6 AM he had
done a lot of ^{a good} work
and has been to look
for the one boat.

May 3rd Left the Battery
with Radeffe in the
Canoe back at 6 AM.

~~Not loading off Vessels.~~

3 str in sight up the NE.
and the northward (2)
loaded to the water edge off
Richards, and still taking
fish. ~~One of them f.~~

6:40 AM One of the 3 up
the NE River passed out fully
loaded and another was in
sight coming up.

Arrived Frederick 8:45 AM.

Sailed around here 2 later
in Turner's Creek.

1st bucket 400gms in 100gms

20.5 20 = 20 - 29 = 11.5 - 21

20 = 21 20 29 = 20

20 = 20 = 21 10 = 11.5

21 29 = 21 = 22 = 18.5

20 = 11.5 = 11.5 = 29 = 20

100 lbs weight

2nd bucket

20 = 20 = 12 22 = 22

21 = 20 21 = 20 = 21

11.5 = 12 = 14.5 20 = 20

21 = 21 = 29 = 11.5 21

29 = 20 = 11.5 = 21 = 11.5

13.5 lbs weight

Net #
Says: 1. 3 traps - out from shore
25 T 20 T 20 T (10 ft to 8 ft)
single haul 2.

#2 2 traps ~~loading baggy~~ ¹⁰⁰⁰ ~~had. put up on~~ ^{5 ft. a. class}
had about 5000, says no
shad. a pretty clean haul ^{2.20}
all glut Says very few
fish yet. Meas. & weighed
50 fish 3 shad

#3 4 traps 2.30 T 20 T 20 T 20 T

#4 5 " 2 @ 20 each.

#5 3 "

#6 1 " #12, 5 traps

#7 2 " #13 1 "

#8 1 " #14 1 "

#9 1 " #15 3 "

#10 1 " #16 1 "

#11 2 #17 2 "



# 18	2	traps	
# 19	1	"	
# 20	2	"	Says both hunting + perch very scarce.
# 21	3	"	
# 22	2	"	
# 23	2	"	
# 24	2	"	
# 25	2	"	
# 26	2	"	
# 27	bridge fence		

1 1/4 top. 3/4 bottom.

45 ft pond. Had a very small catch of glut (2) + branch hunting, a few white perch (practically none gilled), 1 white cat, a few yellow perch. big chubbs, gillbros, notemigons etc.

Says he has caught a few fish which he describes

and which must be either
traffic or straggling bass.

#28 bridge fork

#29 6 traps 35 ft each + 30 ft
(20-T-20T 20T 20T 20T 20T)

#30 5 traps about same place

#31 4 " " " "

Stk. ^{Wm} S. Brewster leaving Rattenton

loaded, but going up the
Savannah for more.

Another going down river
loaded.

Went into Rattenton &
looked the place over

Then across to Stony Point, where
a haul seine is operated.

600 to 800 yds rope 15 ft deep
400 fath. seine

Slaves ~~low~~ Worms &
3200 30 min. Whitetail

3 PM to 4 PM low tide haul
Had 20th ^{of} had 3 fish

75 small rock 15 rock crabs

1 gull-back 2 Hickory

A few yellow & white perch

3000 herring (15 1/2 bush)

20 small Lampreys 6 white cat

20 mackerels, ^{for 4th} then

& hydrogaster came in

with the net

A bad tem had let out most of
his fish

Says he has taken several hundred

"big fish" this season, also several

big lobsters

At Michael's & Esmer. Men 2
steamer } but waiting for more fish
fully loaded. The schooner
loaded the evening boat gone
out. His seine was anchored
off the shore, full of fish,
and his men had gone to
supper.

Kandian was landing a
very large haul, & ~~his~~ ~~boat~~
~~was waiting to take them out~~
~~to the steamer.~~

Candian & Hogan also had
a very large haul.

United States 1945

May 4

11 A.M.

Chalk Silver mine
above the island 15000 having
~~some~~ 10% branch, nearly
all lead - a clean lead
17 shad. + a very few
white part - inconsiderable.

Spencer (a Silver) had
a fine haul of flat with
a few shad - got 1 bag
shot here.

4 or 50 fath (near 700 yds
35 ft deep, is more than the
water.

2 great bags 1 shad 11 1/4 lbs.
Sent 5 to Bate = 51 lbs.

Roe To river
breed

I've found Spencer brother
all three times Spencer & Seth
Spencer fish line 11 years -
brother 7 to 9 brooks daytime
only .

✓

Sunday May 5th .
Cloudy with E. wind.

Don't had to fill up
fishing rod.

Pearson M.B. 1914



with double log - then
 single log leading 1 ft.
 Red Pt.

1 Sca loaded

1 Str of A. Blum for "Klondike"

Double found at Red point
 had onto trap solid with
 bearing.

The log boat at Red Point
 captured a very heavy one of
 glut during the summer

of this region, all of which
is loaded on steamers and
schooners for the factories.
Only a small amount of ice
is put up at this point.

Double found above the layboath
was solid with herring in the
upper pocket. All these
nets, however, had been in
the water since Friday.

Got back to the Battery at 8.30 Am.

Left Battery 9.30 Am for
H. de G. to pick up some "may shud"
if possible. Did not find
any. ~~Ostrow has given up,~~
~~and is taking home his float.~~
~~Express the opinion that the~~
~~herring season is over.~~

1:00 P.M. Left Station - 4:00 P.M. arrived
New Haven, Conn. 1st. 8-
from the inside, 1st. 8-
Hutchinson 2:30 P.M. with
baggage, no baggage, coming up to
the 1st. 8- 1:30 & 1:45
leaving here, and 1st. going
along the 1st. 8- 1:45 -

~~1:45 P.M. 1st. 8- 1:45 P.M.~~
~~1:45 P.M. 1st. 8- 1:45 P.M.~~
1:45 P.M. 1st. 8- 1:45 P.M.
from the station, and to the
first landing, 1st. 8- 1:45 P.M.
1st. 8- 1:45 P.M.

Condition of people here
about 30,000 living in
the house of 1st. 8- with 25-
about several small boats.

White rats and 1 ♀
rockfish (head) 96 cm long,
weight 23 lbs.

1 ^{head} ♂ 4 1/2 lbs. 37 cm...

1 ♀ canf. 25 lbs. 91 cm

Don't Fish. ~~and~~ and 1. on
by the water. look with the
lenses what is not much.

Bought 2 shad, 24 pounds
♂ 55 cm. 4 1/2 lbs
♀ 60.5 " 6 1/2 lbs.

Left Battery at 6:30 P.M. ^{in 1921} Coast
to ~~the~~ ^{Dr. Diamond} float. ^{A salmon will come}
^{to him right this morning}
was nearly dark (7 PM)

Coulahan & Noyan on their last
haul today caught 120 shad
1 25 lb ♀ rockfish, and about
6000 herring.

Oshone told an acquaintance that
he would not fish in the year
with such a crew as he has this
year (mixed white boys) but would
get a crew of negroes from Reedville.
It is a matter of common report,
that the fishermen are financing in
whole or in part, this season.

Oshone fishes 750 fathoms
15 ft deep. This haul was
wretched, consisting of 2000
herring, 2 ♀ shad (large) 1 small
rockfish, and a few small
white perch. He says that
he got out late, had many
bad days, and that the season
is for him a failure. Only
had 2 or 3 good days.

Got back to Battery 8 PM.
(a pretty good day 4.10 to 8.10)

May 1. NP. Went with [unclear]
from left Battery 8 PM.
8.10 AM. 2 Doves 1 [unclear]
off [unclear] [unclear], [unclear]
1st [unclear] [unclear] [unclear]
2 [unclear] [unclear] of the [unclear]
3 [unclear] of the [unclear]
4 [unclear] [unclear] [unclear]
5 [unclear] [unclear] [unclear]
6 [unclear] [unclear] [unclear]
7 [unclear] [unclear] [unclear]
8 [unclear] [unclear] [unclear]
9 [unclear] [unclear] [unclear]
10 [unclear] [unclear] [unclear]
11 [unclear] [unclear] [unclear]
12 [unclear] [unclear] [unclear]
13 [unclear] [unclear] [unclear]
14 [unclear] [unclear] [unclear]
15 [unclear] [unclear] [unclear]
16 [unclear] [unclear] [unclear]
17 [unclear] [unclear] [unclear]
18 [unclear] [unclear] [unclear]
19 [unclear] [unclear] [unclear]
20 [unclear] [unclear] [unclear]
21 [unclear] [unclear] [unclear]
22 [unclear] [unclear] [unclear]
23 [unclear] [unclear] [unclear]
24 [unclear] [unclear] [unclear]
25 [unclear] [unclear] [unclear]
26 [unclear] [unclear] [unclear]
27 [unclear] [unclear] [unclear]
28 [unclear] [unclear] [unclear]
29 [unclear] [unclear] [unclear]
30 [unclear] [unclear] [unclear]

Water in the [unclear] still [unclear]
of yellow mud

[illegible]

people out of 1 trap.

St. Raphael arrived at
anchorage off Back Cr.

St. Wm. S. Bonneton of Redoubt
(prob. one seen in lower (blue) zone)
up the Elk just above Back Cr. at
9 AM. The other 20 or 25 men were
the (X-10) men sent by G. J. J. J.

Very few of the fishermen walking
just coming to the boats, & the
Elk seem to be doing little business.

10 AM. St. Peterman of Redoubt
found up the Elk off Back Cr. - 10 PM.

One coming out of the Elk 1st
was visible along Elk Creek, & 2
off Michael-Kandlen.

St. Wm. S. Bonneton arrived
at the NE of Lake
just before

In the afternoon it blew out
calm so I had to push
further, which took I should
guess up to 3 hours, and
a pretty fishing snook. My good
like the stream & pointed boat
went up to H. 5.

Key to Rays

A. Middle line of back & tail broken & shieldless
 unmarked in adult: outline of dark
 behind spinules obtuse, with acute angle
 at tip of snout - round dark spots

b. All 30 series, size small Pinasco ✓

b. " 40 " " large, usually paired outline

Ocellata ✓



AA. Middle line of back with row of 6 spines in adult

c. Angle of snout short, obtuse, teeth 30 to 50

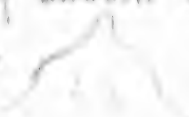
d. body & tail with large bachelors,

each with radiate bars radiata ✓

e.e. Angle of snout acute, moderate long
 e. spines on skin above especially stellate
 teeth 50. ^{dark markings} brown teeth Eglaentaria ✓

e.e. spines on skin above small, skin base
 stellate; teeth in 40 rows, brown,
 with sometimes 1 or 2 pale spots Senta

c.c. Angle at tip of snout much pro-
 duced, blunt at tip, teeth 30, skin
 nearly smooth brownish, with pale
 spots. lavis ✓





Use either as an
INDEXING SHEET



To subdivide and index the leaves
for various Subjects

—OR—

AS A


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TO BIND COMPLETED MATTER

For the  

**NATIONAL
SEPARATE-LEAF NOTE BOOK**

Patented by E. W. Hill, July 5, 1898.

Course given by 

from _____ to _____

SUBJECT:

Subject

Very truly & respectfully

Engel ✓

Phil² 7 and 8 - 100%

22/10/2014 ✓ 10

42

100

Agosto 19

Wendell

Vol. 45 - 22 - 23 - 24 - 25

2. Action - 1/2 inch wide

2011/06/11 11:00 AM

2000 ft. 1000 ft. 1000 ft. 1000 ft.
 SW by S, 4000 ft. 1000 ft. 1000 ft. 1000 ft.

- 1250 1000 ft. ✓
- 1500 1000 ft. ✓
- 1 1000 ft. 1000 ft. ✓
- 65 1000 ft. 1000 ft. 1000 ft. ✓
- 4 1000 ft. ✓
- 5 1000 ft. ✓
- 175 1000 ft. 1000 ft. ✓
- 1000 1000 ft. ✓
- 1000 1000 ft. ✓
- 14 1000 ft. 1000 ft. ✓
- 4 1000 ft. ✓
- 3 1000 ft. ✓
- 10 1000 ft. ✓
- 1 1000 ft. ✓

✓ 1000 ft. 1000 ft.
 ✓ 1000 ft. 1000 ft.

32 Aug 21-3.30 AM 75 ft
 8 to 100 fathoms 17.05 AM 20 fms

There are some light & rain

2 3 fathoms

- 1 branch living ✓
- 22.5 branch ✓
- 40 branch ✓
- 60 branch ✓
- 60 branch ✓
- 2 branch ✓
- 7 branch ✓
- 10 branch ✓
- 80 branch ✓ of small numbers ✓
- 11 branch ✓
- 12 branch ✓ the the
- 15 branch ✓
- 16 branch ✓
- 1 branch fish 41 ✓

1 branch fish 41 ✓
 1 branch fish 41 ✓
 1 branch fish 41 ✓

#31 1.5 478⁸ in 92 feet
18 N44° E in at 200
in 35 feet 1.5
in 100 ft 1.5

- 25 100 ft ✓
- 24 100 ft ✓
- 100 ft ✓
- 18 100 ft ✓
- 100 ft ✓
- 115 100 ft ✓

1.5
1.5

- 825 100 ft ✓
- 1 100 ft ✓

34 100 ft 2.5 1.5 1.5

1 100 ft 4 100 ft 1.5 1.5 1.5
1 100 ft 1.5 1.5 1.5

June 23.

P.M.

R 37 fath

Handed out

100 fath

1 lobster ^{24 ft} _{1, 2 ft} ^{24 ft} _{1, 2 ft}

14 dogfish ✓

55 star ✓

120 flounder ✓

40 white fish ✓

25 yellow ✓

✓ 200 haddock 15 small crabs ✓

11 red ✓

3 mackerel ✓

14 dogfish ✓

44 star ✓

1/2 haddock

13 scallops ✓

2 1/2 m. dist. from
road on 22 pylon. Thatched
roof house with thatched
roof.

- 1700 m. ✓
- 2500 m. ✓
- 4000 m. ✓
- 8000 m. ✓
- 3000 m. ✓
- 2000 m. ✓
- 6500 m. ✓
- 1000 m. ✓
- 1500 m. ✓
- 2000 m. ✓
- 8000 m. ✓

1500 m. ✓
1000 m. ✓

27 11:00 AM 45 feet and
 about 1000 feet in 10
 miles at 11:00 AM. Observed
 very strong wind blowing in from
 west and south, 200 miles
 at 4:30 P.M. 1101 ^{feet} blowing N.E.
 Hauled at 6:05 P.M. by 250 feet
 21 lbs ☒ 1000 water ☒
 1 lb. Mackerel ☒
 50 lbs ☒
 75 lbs ☒
 700 ~~700~~ ⁷⁰⁰ ~~Salmon~~ ^{Salmon} ☒
 100 pounds ~~Salmon~~ ☒
 8 ~~Salmon~~ ☒ ~~Salmon~~
 60 ⁴⁰⁺²⁰ ~~Salmon~~ 20 small mackerel 1/2 grade
~~100~~ ¹⁰⁰ ~~Salmon~~ ☒
 4 ~~Salmon~~ ☒ 15 ~~Salmon~~
 40 ~~Salmon~~ ☒ 15 ~~Salmon~~
 100 ~~Salmon~~ ☒ 15 ~~Salmon~~

26 12 3 3" P.M. 40 Fall.

not found any insects

Found again 15 P.M. - 100

20 10 10" 27 fall

2 1000

1 1000 - 1000 1000 1000

60 1000 1000 1000 1000

2 1000 1000 1000 1000

70 1000 1000 1000 1000

500 1000 1000 1000 1000

175 1000 1000 1000 1000

4 1000 1000 1000 1000

500 1000 1000 1000 1000

14 1000 1000 1000 1000

20 1000 1000 1000 1000

20 1000 1000 1000 1000

7 1000 1000 1000 1000

12 1000 1000 1000 1000

12 1000 1000 1000 1000

12 1000 1000 1000 1000

12 1000 1000 1000 1000

12 1000 1000 1000 1000

第 4 章

1030 Ann. Ent. Soc. Am. [Vol. 54,

Living N. Lagoon & water

Started at noon on 4th Feb

8. $\lim_{x \rightarrow 0} \frac{10^x}{x}$ to find $\lim_{x \rightarrow 0} \frac{10^x}{x}$

2. Pollock ✓

820 Handwritten ✓

g. *Ande* ✓

200 28m 20m

168 *Equus* ✓

3 2 4

90 large ✓ 2/3 small

5' 10" 1/2

12 20 male fish ✓

20 Acids. ✓

14 dog fest -

18 skat ✓

8 scallops ✓ ²⁰ Lick yellow

ended in 1911.

27th June 1904

From 20th to 24th 16 gulls
were taken in the lake in a
beam shot & kept until the 28th
at home when I was still above
the surface & day & night in the
air at 100 ft.

From 25th to 28th 3 gulls were
taken in the lake in a beam shot
On the 25th they were as fresh as when
taken, but at home on the 28th,
although better developed about
the mouth & eyes, "impaired" in
ability to swallow "stomachs" by
losing their colour.

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To subdivide and index the leaves
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SUBJECT:

211

8/15/81 Sunny and 80°F
52.04

Green light & bare soil

light 14 min. Should grow 20 min

1 Polaris 2000 1 leaf and 3/2

40 2000 2 plates 1/2

2000 2000 1 camera 1

18 plates 1

30 coffee 1

71 2000 1

44 2000 2000

6 2000 1

200 2000 1

8 2000 1

2 2000 1

30 2000 1

20 2000 1

20 2000 1

20 2000 1

20 2000 1

20 2000 1

20 2000 1

46 25 31 1/3 17 1/2
 1000 1000 1000 1000
 6 1000 1000
 15 1000 1000
 20 1000 1000
 70 1000 1000
 10 1000 1000
 3 1000 1000
 4 1000 1000
 2 1000 1000

1000 1000 1000 1000
 1000 1000 1000 1000

1000 1000 1000 1000
 1000 1000 1000 1000

1000 1000 1000 1000
 1000 1000 1000 1000
 1000 1000 1000 1000

21 1613 1st to 1st
1st to 1st

June 22 4-1000 am W. Long

22 2.00 3 2 5 4th

41 F NHT 4 miles 5th F

Small bird on the 1st

145 1st to 1st (2nd to 2nd)

20 2nd to 2nd

28 2nd to 2nd

2 2nd to 2nd ✓ 1 2nd to 2nd ✓

2 2nd to 2nd ✓ 1 2nd to 2nd ✓

1-2 2nd to 2nd ✓

2 2nd to 2nd ✓

80 2nd to 2nd ✓

3 2nd to 2nd ✓

2nd to 2nd - 2nd to 2nd ✓

(2nd to 2nd)

16

April 19

WNA 34/40

Hunted at 5:15 to 7:15 PM

Shot 1000 yds

4500 new birds ✓

1 (plumage / range code) (1st / 1st)

1000000 ✓

25000 ✓

1000000 ✓

900000 ✓

750000 ✓

500000 ✓

150000 ✓

600000 ✓

25000 ✓

25000 ✓

[illegible]



1/2 Karon 36 fatha cat NWW
2 3 5 (1/10) not seen (1/1)
Karon 2 fatha -

Day 1 (1/10) fatha

- 400 dog fatha ✓
- 200 fatha ✓
- 1 fatha ✓
- 15 fatha ✓
- 15 fatha ✓
- 5 fatha ✓
- 2 fatha ✓
- 1 fatha ✓
- 1 fatha ✓

- 2 fatha ✓
- 1 fatha ✓

Not yet seen fatha - other fatha

of A.M. = 10:00

W.S.W. 15.41 Am. Sailed

~~The boat~~ lost some yellow fish
has been at sea in fog & rain
on the afternoon
44 fath.

King Charles

2200 ft. at sea 10:00

2000 ft. at sea 10:00

175 ft. at sea 10:00

1/4 water

1000 ft. 15 S. at sea

2000 ft. at sea

6000 ft. at sea

3000 ft. at sea

1500 ft. at sea

1000 ft. at sea

500 ft. at sea

14 7.44 52 feet E.

Sch. with down cut 2 in 10

to 4th level 30 feet

by 100 ft. level

100 ft. level

7 young days 100 ft. level

700 days 100 ft. level

200 ft. level (large)

7.5 100 ft. level

97 200 ft. level

200 ft. level

15 200 ft. level

20 200 ft. level

300 200 ft. level

143 200 ft. level

30 200 ft. level

7 200 ft. level

5 to 10 ft. level

100 ft. level

13. 4. 1940, Ob. 1st

5. 2. 1940, 24/10/40, 1st 100
to miles

1. 1st 100 - 2 ft

2. 2nd 100 - 2 ft

3. 3rd 100 - 2 ft

17. 11. 1940, 1st 100, 1st 100, 1st 100

8. 1st 100 - 2 ft

10. 1st 100 - 2 ft

6. 1st 100 - 2 ft

7. 1st 100 - 2 ft

8. 1st 100 - 2 ft

9. 1st 100 - 2 ft

37. 1st 100 - 2 ft

17. 1st 100 - 2 ft

25. 1st 100 - 2 ft

4. 1st 100 - 2 ft

1st 100 - 2 ft

10. 10. PM 30 fath.

ENE. Drifted 11 30 PM

in 21 fath.

The lee shore of John-Island
mentioned was reported to be
not 2 miles to the westward.

The boat was off mostly into
the east, but with the wind
light from the light was so
low as to render a detailed
examination impossible.

Clear & dark with light
breeze in moderate sea.

U

62 700 34 f.m.

Band No. 10 = 2nd

2464

1. *Phragmites* L.

10. $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$

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10

~~Adm. Bureau~~

³⁰ *Ibid.*

34 fath 130 PM

~~ENE~~ ENE 31 fath. 341 PM.

same ground as last. Canals

Soln to N. chert 1 mile N.

700 boulders ✓

100 ^{algae} rocks ✓

350 flowers & 1/2 lawn

16 small fish ✓

20 shales ✓

50 dogfish ✓

75 squirrel ✓

16 holes ✓

12 cnd. ✓

A few hermit crabs, sponges & polychaetes

The number of small boulders &
cod taken so far has been negligible

Feb 11/11 11.58 AM
W. E. by H
Graded 1.25 P.M. - 2.40
- 3.15

300 Flour ✓

25 Apples ✓

~~800~~ bread ✓

30 Lard ✓

48 Cato ✓

60 Lard ✓

30 Lard ✓

4 Apples ✓

200 Lard ✓

W. E.

#5 set at 9 30 AM - S by W
40 fath, 10 W by S. 11.40 fath
17 more with ✓ 6 miles
10 day fish ✓
600 photos ✓
300 photos ✓
125 more ✓
~~300~~ 300 photos ✓
15 more ✓
2 more ✓
250 photos ✓ To house
2 to all up ✓
1 photo of (name) ✓

#4 Set at 7:30 AM in
45 fath. Weather calm &
cloudy. Running NE $\frac{1}{2}$ N
Cleared at 8 AM, 6 miles
Surface temp. at 8:25 AM. 53°
Towed up at 11:05 AM

500 dogfish, gillnet & blower net
before hauling net

1 Wolf-fish ^{4 ft dogfish} kept ✓

500 Longfish ✓

75 shrimps ✓

10 Anchovies ✓

²⁵⁰ ~~300~~ flounders, $\frac{1}{2}$ to 24 inches ^{1 1/2 large} ✓

~~300~~ ³⁰⁰ haddock ✓ 30 cod ✓

50 hake ✓

$\frac{1}{2}$ bucket starfish

1 dog scallop ✓

(5) few small scallops ✓

4 lobster tails ✓

#3 6.05 PM. 6.35 AM
 25 to 13 fath. 2 miles
 (1) short sand on shore - 100
 - (flounder) 100 fath. ✓
 20 squids " ✓
 100 ✓ 100 ✓ 100 ✓ 100 ✓
 80 - 100 ✓
 20 ✓ 20 ✓
 50 to 100 ✓ 100 ✓
 100 ✓

From this is the best ^{2nd} hand man
 who should not be
 150 squids (dead) ✓
 200 ^{sub} ✓ 150 ✓
 75 flounder 1/2 ✓
 in the south of ^{the} ✓

2.11 AM. 9 Lode.
NW of same ground. 38 feet
2 Whales 14 miles off "Blair"
coming on the ground.

Working NE. Breeze SE
with rain. Towed till 5.00
A.M. in 17 fathoms, coming between
5 + 6 miles.

100 shute ✓

200 dog fish ✓

18 mackerel ✓

150 ^{salmon} hake. Varies a small ✓

100 Squid ✓ ~~100 100 100~~ "

4 hake ✓

flounder ✓ 10 100 130 "

50 Cod ✓ for small 2 ✓

~~300~~ 300 haddock ✓ for small 6 ✓

11 salmon ✓

100 scallop ✓

35 scallop. ✓ a fish change to
be with scale

Mesh of trawl 3' bar single
1 1/2' bar single 1 1/2' bar double
Call out 1 1/2' bar single 1 1/2' bar double

The worst ground in Georges
is "Macaroni" a mixture of
worm like sand & wood which
fills the nets & is so heavy it
is very difficult to get up without
carrying away the gear.

Turned in at 4 P.M.

Turned out at 11 P.M. - Course
SE by S clear starlight, with light
SE breeze. Water glass with large
spindiness, sea smooth. Expect to
begin to fish at 2 A.M.

June 20th

1. 1:40 A.M. the trawl was out in
10 fath, about 80 miles SE 1/2 E
from Highland light. Hundreds
of pelicans about the ship, several
in 300 fath.

Lacey, H. on ground W of
 culture, shoot (Blanc) shot
 away. Hatched at 3 PM in
 14 fath. - 10-12 days
 from the 200 fath. shot &
 6 months free ✓

50 ~~Swamp~~ ✓ 20 ^{all} Small birds ✓
~~Swamp~~ ✓ 6 ~~Swamp~~ ✓

20 End. ✓

8. Adc ✓

Test was the kid
tricked the whole ✓
from the start

Dist 50 small flowers (white)

40. $\frac{1}{2} \log 100 = 1$

In case of v6 question I have done work

The 4 old etc. are for the same
sand. Cancer

June 15 Left Washington P.M.

16 Left Phila for Cape May

17 " Cape May

17 " Phila

18, 8 AM. Arrived in Boston

Went to see Mr. John R. Neal,
and through him arranged to go
aboard Ste. Crest of the Bay State
Fishing Co. Went aboard at 4 P.M.

She then proceeded to Chatham to coal,
and thence to East Boston to ice,
lying at the latter place all night.

Expenses - June 15th

Baggage transfer .20

Rm to station .05

June 17th ^{Phil} upper berth to Boston 1.60

18 Portage fee .25

breakfast at Boston .55

2.80

Feb. 2, 1900

To Ship (Manning) with	
2 four-legged charts	20
Launch, Boston	58
	<hr/> 78

June 19th Drive in there on
 road with light to bridge.
 Found a hole in a track off at
 11:15 AM. Passed Boston Light
 11:25 AM.

Cape and the Great Head
 about 70 ft. in water, in the
 water.

7:30 PM. 2nd large hole in
 the main embankment the water
 out of the hole is about
 10 ft. deep.

4:30 PM. Highland Light
 4 miles

W. H. L. of N. H.
 (Bridgton - Maine)

Under 1000 at present - but
 will increase

5:30 P.M. Left for Boston

Arrived at T. H. 7:40 A.M.
June 24th

First section - 1st at 10:00 - 10:40

Bay for to Cambridge & etc. 10

Lunch 50

Evening 75

135

STUDENT

FILING COVER

To Bind Completed Matter



Course given by

SUBJECT:

For the
NATIONAL, SEPARATE-LEAF NOTEBOOK

Patented by E. W. Hall, July 5, 1898.

STUDENT

FILING COVER

To Bind Completed Matter



~~Course given by~~

Haver de Grace

SUBJECT:

2nd + 3rd training trip

For the
NATIONAL SEPARATE-LEAF NOTEBOOK

Patented by E. W. Hill, July 5, 1898.

June 24th Arrived to meet Mr.
Bishop on the 2nd or 3rd of July
at Gloucester.

In the afternoon a large number
of boats had landed some excepted
five large merchants. At 7th Street
Heavy snowed fish & wolf fish on
the dock.

After a long delay for the
train left Boston 12th midnight

June 25 120 P.m.
77 miles ^{24 miles} from H. home
light found through the lens of
lens of a Porter when
disturb 1/2 mile in.

Loaded 27 (at 11.00) (at 11.00)
first 10 bags + much at sea.
of which 55 were

Young + 10. 145 loaded 145
and 1.00 + 21 F.

Hauled at 3.30 P.M. 40 ft

St. 11.00



1 Oct (week) 21.11.18 21.11.18

11/11/18 = 11.11.18 11.11.18

11.11.18 11.11.18 11.11.18

1.11.18

1.11.18 ✓

1.11.18 ✓

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1.11.18 ✓

1.11.18 } 402 ✓

1.11.18 } 402 ✓

1.11.18 ✓

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1.11.18 ✓

1.11.18 ✓

1.11.18 ✓

Value: $10 \times 10^3 + 11 \times 10^3 = 21 \times 10^3$

Don't say ✓

44 1/2"

Don't take a photo with me

4. *Chrysomelids* 2

$$\left. \begin{array}{l} 600 \text{ Haddock} \\ 500 \text{ cod} \end{array} \right\} 1000 \text{ L}$$

17. $\lim_{x \rightarrow 0} \frac{\sin x}{x} = 1$

3. $\log_{10} 1000 = 3$ ✓

1997, April 16

1954-1955



1st yr. 2nd yr. 3rd yr. 4th yr.
 1880 1881 1882 1883
 1884 1885 1886 1887
 1888 1889 1890 1891
 1892 1893 1894 1895
 1896 1897 1898 1899
 1900 1901 1902 1903
 1904 1905 1906 1907
 1908 1909 1910 1911
 1912 1913 1914 1915
 1916 1917 1918 1919
 1920 1921 1922 1923
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$17 = 54m \checkmark$

75 2004 ✓

92 102 ✓

~~10~~ 1000 1000 1000 = 1000

2000 10/10/00 ✓

6-24-41

It has been found that the
the next best thing to do is to
get a good idea of the
the whole, in a general way.

1. The first part of the paper
 is devoted to a general
 introduction of the
 subject.

The second part of the paper
 is devoted to a detailed
 study of the
 problem.

Area 2-10

2. $\frac{1}{2} \rightarrow 12.1 \pm 0.1$ (20/05)

$$H_{\text{total}} = H_0 \left(\frac{1+z}{1+z_{\text{dec}}}\right)^2 \left(\frac{1+z_{\text{dec}}}{1+z_{\text{dec}}}\right)^2$$

-0.1400 E

16. $\frac{1}{2}$

5 March ✓

20. How does a person's behavior

37 Sylvest & [unclear], 1911

100. 5110. *Fraxinus*; *Ulmus* 100. 100.

12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100											
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Handwritten: 2

10-11-1919

Y. 2012

1. 100% ✓



27 July 1964 10:00 AM 400 ft
Depth 100 ft. Depth in 47 ft
at 5:30 PM

Notes: 1. 100 ft. depth. 2. 100 ft. depth.

30 500 ✓

11 100 ✓

10 100 ✓

10/11 100 ✓ and 100 ft. 100 ft.

3 100 ✓

10 100 ✓

50 100 ✓ 100 ft. 100 ft. 100 ft. ✓

10 100 ✓

27 100 ✓ } 425 ✓

10 100 ✓ }

3 100 ✓

1 100 ✓

Notes: 1. 100 ft. depth. 2. 100 ft. depth.

The first fish are quickly, slender

The 9th, 10th fish found are
the females in advanced spawning
season, their gill covers are black
purple being very conspicuous

These fish when brought to the
surface float very high in the
water and usually close up the
eyes and extended. It does not
appear like as quickly as the males.

Most a large lot of the
spawning fish 2 females in
advanced spawning season
both

Box 1 N.W.	500 ft. N.W.
Washed 7 AM	20 ft. N.W.
21 - 22 ft. N.W.	20 ft. N.W.
8 - 10 ft. N.W.	20 ft. N.W.
70 - 80 ft. N.W.	
100 ft. N.W.	10 ft. N.W.
15 ft. N.W.	
75 ft. N.W.	
20 ft. N.W.	} 245 - 4
20 ft. N.W.	
14 ft. N.W.	
8 ft. N.W.	
4 ft. N.W.	
1 ft. N.W.	

2 - 100 ft. N.W. 3 - 100 ft. N.W.



2. 1000 ft. 2000 ft. 3000 ft. 4000 ft.

1000 ft. 2000 ft. 3000 ft. 4000 ft.

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Then last night, a storm
by the dark, we arrived here
in the morning, finding
a little storm and a little
suffering in the morning
day out. The road is not
by hand but the village
has a market.

St. Louis, Mo.

Jan 20 Tuesday \$90.00

Expenses in Town

Cost of Hotel Room 20

Cost of Dinner 10

Cost of 10

Cost of 10

1.20
1.20

Went down a "Chest" in the morning

Board in the "Chest"

Board supper Jan 21st to breakfast

Jan 24 5 1/2 days

Board breakfast Jan 25 to breakfast

Jan 28th 3 1/2 days

Board breakfast Jan 29th to supper

Jan 30th 2 days

Board breakfast July 1st to

INDEXING SHEET

—OR—

FILING COVER

For the 20 20

NATIONAL

SEPARATE-LEAF NOTE BOOK

Patented by E. W. Hill, July 9, 1890.

Course given by _____

SUBJECT:

1
Jan. 29th Left Boston in the
Evening, 8:30 AM. Hot & clear
but hazy with light variable
breeze on smooth sea. Course
E & E from about 4 miles off
Brighton Light.

9 P.M. out in 74 fath. about
41° 2' N, 65° 49' W. 90 miles
from Boston Lightship.

Ground NNE $\frac{1}{2}$ E & pulled up
dragging up & blowing strong
from NNE.

Hauled at 10:35 P.M.

- 3 small fish ✓
- 1 small B. Shark ✓
- 2 small flounders ✓
- 7 small fish (small) ✓
- 5 small shrimps ✓

over

June 30th

#1 Sat Oct 11 11 AM in 4

fishes. Day came in clear
light, not stiff NW breeze & high
clouds. 31° F.

Hauled 5 1/2 AM in 29 fath.

On west side of fishing boat
line, 1 large checker

3 rays ✓

17 shiners ✓ 18 sole ✓

5 rock ✓ 3 squids ✓

26. flounder ✓

36. ^{spring} hake ✓ 16 sculpin ✓

5 greenish ✓ little sp. sp.

3 shiners ✓ 4 periwinkle

400 Haddock 9/14 7 quoddy ✓

150 Sculpin ✓ 3 mackerel

2 halibut ✓

2 hake ✓

8 cod ✓

1 butterfish ✓

103. Set at 1000 in sup. portion
low, 1000 in rolling ground
under. Ruled 720 km in the set
1 large chicken

7 chicken ✓

1 small chicken ✓

900 chicken ✓

1 chicken ✓

1 chicken ✓

11 chicken ✓

11 chicken ✓

12 chicken ✓

70 chicken ✓

10 chicken ✓

11 chicken ✓
12 chicken ✓
13 chicken ✓
14 chicken ✓
15 chicken ✓
16 chicken ✓
17 chicken ✓
18 chicken ✓
19 chicken ✓
20 chicken ✓

26-2-20

26-2-20

26-2-20

26-2-20

Harriet at Home 30 Feb
1 large chicken

28 Nov 1944

25 *Hydrocotyle*

29. *Quercus* ✓

60 pounds each, each -

70 Wilson Lake " " ✓

✓ Approved ✓

17.5 Hattabach v 17 per see above

40 Second c

 \square Halbe

Code 182292

If ϕ is given by

13. $\frac{1}{2}$ ✓

1. *Debris* ✓

✓ *Agave*

3. Invertebrates - Marine 90% of all

May 11 11 PM 577 feet
Hartland 1110 PM in 34 fath.
bottom of the net was full of
fish, and I saw a lot
of smaller ones. 1000 to 1500

30 Dory L
4 Shale L
9 Mackerel L
5 Herring small L
40 Silver hake and small L
260 Mackerel L 14 fish L
78' small L
11 hake
5000 small L
2 Mackerel L
5 Sprinkles L

1 fish Sablefish L 1 fish Herring
26 Scallops L 20 Sea urchins

10.9
 36 1/2 lb 16.5 lb 31.5 lb
 11.45 PM 34 per

- 1 wolf fish ✓
- 1 halibut ✓ (m.c.)
- 1 beach herring ✓

550 100 lb ✓ 40 c per

200 500 ✓

7 1/2 ✓

10 100 ✓

60 100 ✓

50 100 ✓

(3000 in 1 day but some found
 1000 in 1 day)

1000 1000 1000 1000
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 1000 1000 1000 1000



10 Sat 11.10 AM 27.5°
Toward N. Y. H. Hatched 23.5°
About 1/2 in. water, 1/2 in. water
1/2 in. water, 1/2 in. water

22.5 in. 2

10.5 in. 2

11.5 in. 2

1.5 in. 2

17.5 in. 2

33.5 in. 2

30.5 in. 2

28.5 in. 2

6.5 in. 2

7.5 in. 2

17.5 in. 2

11.5 in. 2

3.5 in. 2

7.5 in. 2

7.5 in. 2

7.5 in. 2

7.5 in. 2



15 Feb in 40 fath, 4.30 AM
Found ~~some~~ NW by W. Handed 8.40 AM
Sides at anchor. 1/2 mile W. of
1 mile. East & north NW.

1 large ship anchor, which was
consequently got around at 4.45 AM
1 check.

1 lobster ✓

1 wolf fish ✓

22 clags ✓

9 shales ✓

550 Silver Lake mostly small ✓

25 squids ✓

80 small
7 large flounders ✓

315 Walrus ✓

60 Seal ✓

7 Hake ✓

1 large
200 cod ✓

3 Monk ✓

2 sculpin ✓

2 small ✓

gouan (6 more in next band)

Color of gouan 58 cm. above

Body greenish yellowish gray,
with irregular olivaceous mottlings
on anterior half; ^(see tail) pale below
shading into white on belly, throat,
and space before pectorals. Head
olivaceous, darker on snout, ~~the~~
maxillary yellowish olive.

Dorsal, gray mottled with olive
with distal $\frac{1}{3}$ olive with a yellow
wash - tips of rays whitish.

Posterior part of body shading
into yellowish, caudal yellow
with narrow white margin. Anal
white, with yellowish band distally and
white margin; ventrals whitish with
yellow wash; pectoral orange, iris
golden.

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21-43-10000-1

TABLE 1

1. 100% 2. 100% 3. 100% 4. 100% 5. 100% 6. 100% 7. 100% 8. 100% 9. 100% 10. 100% 11. 100% 12. 100% 13. 100% 14. 100% 15. 100% 16. 100% 17. 100% 18. 100% 19. 100% 20. 100% 21. 100% 22. 100% 23. 100% 24. 100% 25. 100% 26. 100% 27. 100% 28. 100% 29. 100% 30. 100% 31. 100% 32. 100% 33. 100% 34. 100% 35. 100% 36. 100% 37. 100% 38. 100% 39. 100% 40. 100% 41. 100% 42. 100% 43. 100% 44. 100% 45. 100% 46. 100% 47. 100% 48. 100% 49. 100% 50. 100% 51. 100% 52. 100% 53. 100% 54. 100% 55. 100% 56. 100% 57. 100% 58. 100% 59. 100% 60. 100% 61. 100% 62. 100% 63. 100% 64. 100% 65. 100% 66. 100% 67. 100% 68. 100% 69. 100% 70. 100% 71. 100% 72. 100% 73. 100% 74. 100% 75. 100% 76. 100% 77. 100% 78. 100% 79. 100% 80. 100% 81. 100% 82. 100% 83. 100% 84. 100% 85. 100% 86. 100% 87. 100% 88. 100% 89. 100% 90. 100% 91. 100% 92. 100% 93. 100% 94. 100% 95. 100% 96. 100% 97. 100% 98. 100% 99. 100% 100. 100%

[Faint handwritten notes at the bottom of the page]

1990

17

18

19

20

21

22

23

24

25

26

27

28

29

30

31

32

33

34

35

36

Feb 2-4

19 Feb at 11:30 AM 76 ft
Hatched at 2:30 PM 4 ft
1 lamp 10 ft

85 ft ✓
✓

87 ft ✓
✓

89 ft ✓

90 ft ✓

100 ft ✓

110 ft ✓

120 ft ✓

17 ft ✓

3 ft ✓

20 ft ✓

2 ft ✓

22 ft ✓

10

1

4

20 Set 90 Am, 54 feet

Marine 21/4 37 feet

NE 1/4

1/2 1/2

22 1/2 3 1/2 1/2

11 1/2

10 1/2

10 1/2

10 1/2

10 1/2 1/2 1/2

125 1/2 1/2 1/2

10 1/2

510 1/2 4 1/2

150 1/2

20 1/2

3 1/2

15 1/2

27 1/2

1 1/2 21 1/2 32 1/2

1 1/2

115 1/2

115 1/2



21 1000 7.10

Handed 1/2000 7.10

1000 7.10

4000 7.10

7000 7.10

1000 7.10 1/2000 7.10

1000 7.10

1000 7.10

1000 7.10

1000 7.10

1000 7.10

1000 7.10

1000 7.10

1000 7.10

1000 7.10

1000 7.10

1000 7.10

1000 7.10

1000 7.10

22 20 100 100 100

100 100 100 100 100
100 100 100 100 100

10 100 100

7 100 100

0 100 100

7 100 100 100 100

6 100 100 100 100

0 100 100

15 100 100

150 100 100 100 100

200 100 100

0 100 100

11 100 100 100 100 100

0 100 100

1 100 100

✓

Let $f(x) = x^2 + 1$

Then $f'(x) = 2x$ and $f''(x) = 2$

$$\frac{f'(x)}{f''(x)} = \frac{2x}{2} = x$$

$$\frac{f''(x)}{f''(x)} = \frac{2}{2} = 1$$

Thus $f(x) = x^2 + 1$ is a function of x such that

$$\frac{f'(x)}{f''(x)} = x$$

1000 ...
...
...

7. ... ✓

22 day ✓

5 ... ✓

7 ... ✓

8 ... ✓

100 ... ✓

700 ... ✓

17 ... ✓

9 ... ✓

1000 ... 3 small ✓

6 ... ✓

17 ... ✓

Brute data,

10.5

10.5

10.5 13

10.5 12.5

10.5

13

15 12.5

12.5

12.5

16.5 13.5

15

15

10.5 15

16.5

13

17.5 15.5

16.5

13.5

16 16

12.5

16

15.5 15

13

15.5

16 15

13

15.5

15 14

15

16

70 mph 12 lbs

20 mph 20 lbs

switches

24

36

24

36

24

36

24

36

24

36

19

24

1945 1916 1917

18 July

1916

60 100 100

75 100 100

8 100 100

160 100 100

100 100 100

100 100 100

100 100 100

100 100 100

100 100 100

100 100 100

100 100 100

100 100 100

100 100 100

6-5 2nd v 2 FE ELL Vn pr
FE

1000 v 1000 1000
1000 v 1000 1000

7 Pine fish v

1000 v 1000 1000

1000 v 1000 1000

30 Monk v 40 1000 v

1000

1000 v 1000 1000

550 1000 v 7 fry v

175 1000 v

1000 v

1000 v

1000 v

5 1000 v

1 1000 v

1000 v

1000 v 1000 1000

1000 v 1000 1000

1. *Phylloscopus plumbeus*
2.5 inches long 5 1/2 fl.
Found under alders near
Shed & from below the
of alders that form the
3. now found among, & now
collected from, alders in
a large hollow, but not
lapped. These insects lay
white, and many smaller
of the same color killed but very
common. I saw five ground
squirrels with patches from top to the
sides, the golden, eyes showing
around gold through the skin
~~July 2,~~ July 2,

6

Barney, 1914

checked $\ln_{\text{max}} = 1.40$, $\ln_{\text{min}} = 0.20$

12 Feb 1950

11. ☒ 11.11.2019

10/1/6

111

10

✓

[illegible]

10

6.

Approved 

Sealby - 20 - 1/2 mile above

26 30 8 2 28 9

1000 W. 1000 1500
1500

280 1000 1500 1500

175 1000

7 1000

18 1000

1 1000

40 1000

10 1000

120 1000

250 1000

275 1000

14 1000

14 1000

1 1000

12 1000

#28 Sat 12:10 PM 40 fath
NE directed 1145 $\frac{1}{2}$ sec
2 shots

200 fath

130 fath

140 fath

170 fath

180 fath

200 fath

300 fath 10-4 fath

100 fath

11 fath

35 fath

13 fath

70 fath

20 fath 10 fath
20 fath 10 fath



Analysis 3.2. —

9 SA 1112-1113-1114-1115-1116-1117-1118-1119-1120-1121-1122-1123-1124-1125-1126-1127-1128-1129-1130-1131-1132-1133-1134-1135-1136-1137-1138-1139-1140-1141-1142-1143-1144-1145-1146-1147-1148-1149-1150-1151-1152-1153-1154-1155-1156-1157-1158-1159-1160-1161-1162-1163-1164-1165-1166-1167-1168-1169-1170-1171-1172-1173-1174-1175-1176-1177-1178-1179-1180-1181-1182-1183-1184-1185-1186-1187-1188-1189-1190-1191-1192-1193-1194-1195-1196-1197-1198-1199-1200-1201-1202-1203-1204-1205-1206-1207-1208-1209-1210-1211-1212-1213-1214-1215-1216-1217-1218-1219-1220-1221-1222-1223-1224-1225-1226-1227-1228-1229-1230-1231-1232-1233-1234-1235-1236-1237-1238-1239-1240-1241-1242-1243-1244-1245-1246-1247-1248-1249-1250-1251-1252-1253-1254-1255-1256-1257-1258-1259-1260-1261-1262-1263-1264-1265-1266-1267-1268-1269-1270-1271-1272-1273-1274-1275-1276-1277-1278-1279-1280-1281-1282-1283-1284-1285-1286-1287-1288-1289-1290-1291-1292-1293-1294-1295-1296-1297-1298-1299-1300-1301-1302-1303-1304-1305-1306-1307-1308-1309-1310-1311-1312-1313-1314-1315-1316-1317-1318-1319-1320-1321-1322-1323-1324-1325-1326-1327-1328-1329-1330-1331-1332-1333-1334-1335-1336-1337-1338-1339-1340-1341-1342-1343-1344-1345-1346-1347-1348-1349-1350-1351-1352-1353-1354-1355-1356-1357-1358-1359-1360-1361-1362-1363-1364-1365-1366-1367-1368-1369-1370-1371-1372-1373-1374-1375-1376-1377-1378-1379-1380-1381-1382-1383-1384-1385-1386-1387-1388-1389-1390-1391-1392-1393-1394-1395-1396-1397-1398-1399-1400-1401-1402-1403-1404-1405-1406-1407-1408-1409-1410-1411-1412-1413-1414-1415-1416-1417-1418-1419-1420-1421-1422-1423-1424-1425-1426-1427-1428-1429-1430-1431-1432-1433-1434-1435-1436-1437-1438-1439-1440-1441-1442-1443-1444-1445-1446-1447-1448-1449-1450-1451-1452-1453-1454-1455-1456-1457-1458-1459-1460-1461-1462-1463-1464-1465-1466-1467-1468-1469-1470-1471-1472-1473-1474-1475-1476-1477-1478-1479-1480-1481-1482-1483-1484-1485-1486-1487-1488-1489-1490-1491-1492-1493-1494-1495-1496-1497-1498-1499-1500-1501-1502-1503-1504-1505-1506-1507-1508-1509-1510-1511-1512-1513-1514-1515-1516-1517-1518-1519-1520-1521-1522-1523-1524-1525-1526-1527-1528-1529-1530-1531-1532-1533-1534-1535-1536-1537-1538-1539-1540-1541-1542-1543-1544-1545-1546-1547-1548-1549-1550-1551-1552-1553-1554-1555-1556-1557-1558-1559-1560-1561-1562-1563-1564-1565-1566-1567-1568-1569-1570-1571-1572-1573-1574-1575-1576-1577-1578-1579-1580-1581-1582-1583-1584-1585-1586-1587-1588-1589-1590-1591-1592-1593-1594-1595-1596-1597-1598-1599-1600-1601-1602-1603-1604-1605-1606-1607-1608-1609-1610-1611-1612-1613-1614-1615-1616-1617-1618-1619-1620-1621-1622-1623-1624-1625-1626-1627-1628-1629-1630-1631-1632-1633-1634-1635-1636-1637-1638-1639-1640-1641-1642-1643-1644-1645-1646-1647-1648-1649-1650-1651-1652-1653-1654-1655-1656-1657-1658-1659-1660-1661-1662-1663-1664-1665-1666-1667-1668-1669-1670-1671-1672-1673-1674-1675-1676-1677-1678-1679-1680-1681-1682-1683-1684-1685-1686-1687-1688-1689-1690-1691-1692-1693-1694-1695-1696-1697-1698-1699-1700-1701-1702-1703-1704-1705-1706-1707-1708-1709-1710-1711-1712-1713-1714-1715-1716-1717-1718-1719-1720-1721-1722-1723-1724-1725-1726-1727-1728-1729-1730-1731-1732-1733-1734-1735-1736-1737-1738-1739-1740-1741-1742-1743-1744-1745-1746-1747-1748-1749-1750-1751-1752-1753-1754-1755-1756-1757-1758-1759-1760-1761-1762-1763-1764-1765-1766-1767-1768-1769-1770-1771-1772-1773-1774-1775-1776-1777-1778-1779-1780-1781-1782-1783-1784-1785-1786-1787-1788-1789-1790-1791-1792-1793-1794-1795-1796-1797-1798-1799-1800-1801-1802-1803-1804-1805-1806-1807-1808-1809-1810-1811-1812-1813-1814-1815-1816-1817-1818-1819-1820-1821-1822-1823-1824-1825-1826-1827-1828-1829-1830-1831-1832-1833-1834-1835-1836-1837-1838-1839-1840-1841-1842-1843-1844-1845-1846-1847-1848-1849-1850-1851-1852-1853-1854-1855-1856-1857-1858-1859-1860-1861-1862-1863-1864-1865-1866-1867-1868-1869-1870-1871-1872-1873-1874-1875-1876-1877-1878-1879-1880-1881-1882-1883-1884-1885-1886-1887-1888-1889-1890-1891-1892-1893-1894-1895-1896-1897-1898-1899-1900-1901-1902-1903-1904-1905-1906-1907-1908-1909-1910-1911-1912-1913-1914-1915-1916-1917-1918-1919-1920-1921-1922-1923-1924-1925-1926-1927-1928-1929-1

$$d_{\text{max}}(N) \in O_p(N). \quad \text{Hence, } d_{\text{max}}(N) \rightarrow \infty$$

27 11 2 28 11 2

Figure 1. The effect of the concentration of the initiator on the polymerization of *l*-lysine.

2014 10 10 10:10:10

150 *John G. Thompson*

[illegible]

24) *Alnus incana* (L.) Mill.

415 - 11/10/10 - 11/10/10

3-1-2

✓

✓

2



30

- 1. 1st 15 min. 60%
- 2. 1st 15 min. 60%
- 3. 1st 15 min. 60%
- 4. 1st 15 min. 60%
- 5. 1st 15 min. 60%
- 6. 1st 15 min. 60%
- 7. 1st 15 min. 60%
- 8. 1st 15 min. 60%
- 9. 1st 15 min. 60%
- 10. 1st 15 min. 60%
- 11. 1st 15 min. 60%
- 12. 1st 15 min. 60%
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- 20. 1st 15 min. 60%
- 21. 1st 15 min. 60%
- 22. 1st 15 min. 60%
- 23. 1st 15 min. 60%
- 24. 1st 15 min. 60%
- 25. 1st 15 min. 60%
- 26. 1st 15 min. 60%
- 27. 1st 15 min. 60%
- 28. 1st 15 min. 60%
- 29. 1st 15 min. 60%
- 30. 1st 15 min. 60%

1/20/04

$\frac{1}{\sqrt{2}}$

$$\frac{1}{\sqrt{1-x^2}} = 1 + \frac{1}{2}x^2 + \frac{3}{8}x^4 + \frac{5}{16}x^6 + \dots$$

Ex 12: $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$
 Given: $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$

5. $\frac{1}{2} \log 2$ (b) $\frac{1}{2} \log 2$ (c) $\frac{1}{2} \log 2$ (d) $\frac{1}{2} \log 2$

1254

$$S_n = \sum_{k=0}^n (-1)^k \binom{n}{k} x^k y^{n-k}$$

2008 05/11 10:10

NOTE: $\chi^2 = 1.0$, $df = 1$, $p = .32$.

11. *Chrysomelidae* (100%)

For $\lambda = 1$ ✓

55 - 11 1 2
 56 -
 57 -

1500 1000 500 0

510 / 2 37 1/2

1970 10 2

8-16-5

352

Begin at 10:00 AM Haddock fish
 4th.

28	27	20	25	31	26
24	31	24	30	29	28
31	27	28	28	26	28
30	30	28	31	28	29
29	26	28	32	31	28
27	25	26	26	29	29
30	30	28	30	29	28
29	27	27	28	31	28
28	28	29	28	28	28
27	30	31	27	27	21

31	26	28	30	30
29	28	29	27	26
28	28	27	23	26
29	25	28	31	29
24	29	24	28	26

25 42 lbs



15

10

1000 ft. E. of base

1000 ft. E. of base

1000 ft. E. of base

1000 ft. E. of base

1000 ft. E. of base

1000 ft. E. of base

1000 ft. E. of base

1000 ft. E. of base

1000 ft. E. of base

1000 ft. E. of base

1000 ft. E. of base

1000 ft. E. of base

1000 ft. E. of base

1000 ft. E. of base

1000 ft. E. of base



6 Jan 1900
 1200 1000 1000 1000
 1000 1000 1000 1000

1000 1000 1000 1000
 1000 1000 1000 1000

15 1000 1000 1000
 15 1000 1000 1000

17 1000 1000 1000
 1000 1000 1000 1000

1000 1000 1000 1000
 1000 1000 1000 1000

1000 1000 1000 1000
 1000 1000 1000 1000

1000 1000 1000 1000
 1000 1000 1000 1000

1000 1000 1000 1000
 1000 1000 1000 1000

1000 1000 1000 1000
 1000 1000 1000 1000

USE THIS IN THE BOOK
AS AN

INDEX SHEET

To divide off the work
in different studies

— OR —

as a

FILING COVER

To bind, with the fasteners,
all work worth keeping for review.

For use in the

National Notebook

Patented by E. W. Hill, July 5, 1898.

SUBJECT OF STUDY:

To index the book, write below on the margin, the name of the study



11 38

12 38 12 38 12 38

2 bags of 100 = 200

12 38 12 38 12 38

12 38 12 38 12 38

12 38 12 38 12 38

12 38 12 38 12 38

300 flowers 12 38 12 38 12 38

250 12 38 12 38 12 38

240 12 38 12 38 12 38

200 12 38 12 38 12 38

200 12 38 12 38 12 38

15 12 38 12 38 12 38

30 12 38 12 38 12 38

15 12 38 12 38 12 38

20 12 38 12 38 12 38

10 12 38 12 38 12 38



July 14th

39 10.11.1934 34 10.11.1934
10.11.1934 10.11.1934 10.11.1934 10.11.1934

2 10.11.1934

75 10.11.1934 ✓

70 10.11.1934 ✓

18 10.11.1934 ✓

36 10.11.1934 (10.11.1934) ✓

250 10.11.1934 ✓

375 10.11.1934 ✓

150 10.11.1934 ✓

35 10.11.1934 ✓

12 10.11.1934 ✓

7 10.11.1934 ✓

4 10.11.1934 ✓

20 10.11.1934 ✓

2 10.11.1934

3 10.11.1934 ✓



40

200 ft. 100 ft. 100 ft. 100 ft.

100 ft. 100 ft. 100 ft. 100 ft.

100 ft. 100 ft. 100 ft. 100 ft.

200 ft. 100 ft.

40 ft. 100 ft.

200 ft. 100 ft. 100 ft. 100 ft.

500 ft. 100 ft.

75 ft. 100 ft. 100 ft. 100 ft.

65 ft. 100 ft.

36 ft. 100 ft. 100 ft. 100 ft.

800 ft. 100 ft.

5 ft. 100 ft.

7 ft. 100 ft.

9 ft. 100 ft.

2 ft. 100 ft. 100 ft.

1 ft. 100 ft.

100 ft. 100 ft. 100 ft. 100 ft.

الحمد لله الذي جعلنا من
أهل البيت

10/11/11 10:00 AM - 11:00 AM
Thames to London 11/11/11 24/1

1. Large 2. Small

11/11/11 ✓

11/11/11 ✓

11/11/11 ✓

✓ 27/11/11

85 ft. ✓ (11 days, 11 days, 11 days)

150 ft. ✓ 15 days

175 ft. ✓

142 ft. 11 days ✓

200 ft. ✓

2 ft. ✓

9 ft. 11 days ✓

43 ft. ✓

12 ft. 11 days ✓

11/11/11 11:00 AM - 12:00 PM
2 ft. 11 days ✓

11/11/11 12:00 PM - 1:00 PM
1 ft. 11 days ✓



4/12 Sat 12 - 2:00 PM - 10/1
Hill Summit over house, below sea
Jot again 23 ft. E. 100
Below 400 ft. 100 ft. 100 ft.
Below 100 ft. 100 ft. 100 ft.

11 Day ✓

26 Day ✓

2 Day ✓

2 1/2 Day ✓

7 Day ✓

12 Day ✓

21 Day ✓

6 Day ✓

5 Day ✓

10 Day ✓

14 Day ✓

18 Day ✓

43 1st 11th 1st 4th E.

11th 11th 1st 1st 3rd

1st 1st 1st 1st

1st 1st 1st 1st

2 1st 1st

14 1st 1st

11 1st 1st

1st 1st 1st

1st 1st 1st

30 1st 1st

1st 1st 1st

2 1st 1st

6 1st 1st

4 1st 1st

2 1st 1st

1 1st 1st

1 1st 1st

#42 2.14 PM 30 fath.

Net hauled over, 40
quits and at 2.30 headed
off for Boston.

Then lifted about 2 PM
The afternoon was glorious
with crashing S.W. breeze.

July 5th Arrived Boston 6 AM
Went to office & got mail etc.

Phoned Dr. Bigelow.

Left on 10 AM boat for Gloucester.

Arrived Gloucester 12.20 PM

Expenses:

<u>Boston</u>	Passage to Wharf	25
Tax, etc. Cape Ann, - to Gloucester		50
Lunch Gloucester		35
		<hr/> 110

Finished the afternoon letters etc.

July 6th Saturday. Dr. Bigelow
came down with Mr. Mestorf.

Busy rigging nets, apparatus, etc.
etc. 7th Sunday ditto - went over
to R Gloucester & the hatchery
in the P.M.

July 8th. Dr. Bigelow came down
& joined ship. Busy with nets
& tackle.

July 9th 7th Leapus went
alongside wharf to take water.

Got started 3 P.M. ran out
a little way, made 1 haul, and
ran back inside breakwater.

$$\begin{array}{r} 187 \\ 776 \\ 661 \end{array} \quad \begin{array}{r} 1 \\ 45 \\ 44 \end{array}$$

$$\begin{array}{r} 1621 \\ 90 \end{array}$$

$$\begin{array}{r} 1714 \overline{) 93.00} \quad (0.525 \\ \underline{8570} \\ 7300 \\ \underline{3428} \\ 8720 \end{array}$$

$$\begin{array}{r} 11 \\ 18 \\ 4 \\ \hline 33 \end{array}$$

$$\begin{array}{r} 22 \overline{) 1.00} \quad (0.045 \\ \underline{44} \\ 10 \end{array}$$

$$\begin{array}{r} 674842 \overline{) 12860.00} \quad (19.24 \\ \underline{109604} \\ 189960 \\ \underline{164406} \\ 255540 \end{array}$$

$$\begin{array}{r} 2202 \\ 6866 \\ 4790 \\ \hline 13261 \end{array}$$

$$\begin{array}{r} 821 \\ 4056 \\ 1243 \\ \hline 6450 \end{array}$$

$$\begin{array}{r} 2133 \\ 4644 \\ 4216 \\ \hline 10996 \end{array}$$

$$\begin{array}{r} 13267 \\ - 64 \\ \hline \end{array}$$

$$\begin{array}{r} 64 \times 212 \\ \hline 13280 \end{array}$$

$$\begin{array}{r} 13267 \\ \hline 26522.5 \\ 322.5 \\ \hline 1099.6 \end{array}$$

$$\begin{array}{r} 21787 \overline{) 4074.31326} \\ \underline{31707} \\ 100360 \\ \underline{192121} \\ 82290 \\ \underline{61414} \\ 209760 \end{array}$$

1872.5
22948
10127

72
540
123

51860
1195

1195

53,455) 114500 (2.25
106110
123900
106110
27790
265215

Shute	Rape	stellata	} 2 not found
"	"	stellata	
"	"	apiculata	
"	"	virgata	

Rose fish ✓ Selachia mediana ✓

Brown honey ✓ Pomolodus parvoharquet ✓

Cunner ✓ Tetractylus adspersus ✓

Sea robin ✓ Prionotus carolinensis ✓

4-spotted flounder ✓ Paralichthys oblongus ✓

Pearly dace ✓ Stenodus genivittatus ✓

under front: 2 Lopholatilus chamaeleonticeps ✓

5 July 2nd 11 to 13 inches

Names.

✓ Haddock	1	Melanogrammus aeglefinus	✓
✓ Cod	2	Gadus collaris	✓
✓ Atlantic halibut	✓	Meibacius bilinearis	✓
✓ Hake	3	Urophycis regia	✓
✓ Squid	✓	" chuss	✓
✓ Sole	✓	Pseudopleuronectes (Atlantic)	✓
✓ White flounder	✓	Glyptocephalus cynoglossus	✓
✓ Sand dab	✓	Hippoglossoides platessoides	✓
✓ Plaice	✓	Paralichthys dentatus	✓
✓ Halibut	✓	Hippoglossus Hippoglossus	✓
✓ Wolf fish	✓	Anarhichas lupus	✓
✓ Rockfish	✓	Lophius piscatorius	✓
✓ Gutterfish	✓	Paromurus tetrophthalmus	✓
✓ Sculpin	✓	Myoxocephalus octodecemspinosus	✓
✓ Gar	✓	Hexagrammos americanus	✓
✓ Horned dogfish	✓	Squalus acanthias	✓
✓ Long cod	✓	Gadus aeglefinus	✓
✓ Pollack	✓	Pollachius virens	✓
✓ Sand lance	✓	Ammodytes americanus	✓

6. pharyngeals with 2 double rows
of teeth on each

Lateral line straight composed
of irregular conical scales,

A prominent, bony, ascending
ridge between eyes. Profile
curving down sharply from upper
eye. Upper eye too ~~big~~ small
for its large orbit.

Fin rays scaly

M.B. Apparently very close to
Lipocottus fulvum (Bill) in
J+E, but snout much higher.


Large specimens abundant on
George Bank at this season.

Tail is different from cat, &
head is much smaller.

Better and soon down on
sea.

similar blotch midway between this
and caudal peduncle; another
brown blotch rising caudal
peduncle and extending dorsward
and forward to the last) Caudal
fin, pectoral, ~~+~~ ventral &
branchiostegal membrane with fleshed
papillations.

B. Similar to A, but lighter
in shade, and lacking the brown
blotches on under side

Outline as in *Pseudopleuronectes*
scales cycloid, on both sides
tail 

front of superior eye to mid-point of
inferior eye,

Lips fleshy

gill arches about slender 4-9

teeth close set, apparently in a single
row, forming a blunt cutting edge

A Color above (right side) clay brown, with traces of small darker smottings irregularly disposed

Dorsal & anal darker, dusky between rays, with fleshy pink ^{separate} tips to rays anteriorly & posteriorly: caudal same color, darker between rays: lips fleshy, lighter in color: pectoral ground color at base, the membranes then becoming black, tip & distal edge whitish: pectorals, ground color with darker membranes distally.

Left side body ^{shiny} whitish with fine brown punctulations: dorsal & anal slightly darker at base, becoming blackish distally, with pink fleshy tips to rays. (blackish & a brown ^{orale} blotch $\frac{1}{4}$ size of head on lower anterior part of body & anal, smaller

Haplocephalus myxolamprodon (Don.)
 White flounder. George Banks

Aug 27 1912

No.	A. ♀		B. ♀	
	undulph		undulph	
Total length	32.5		55.5	
Std "	50		55.5	
Head	103	4.13	106	
Depth	24.5 22.5		24.0	
Eye "	24.5		22.0	
Eye	25		26	
max (Sub)	31		22	
" inf	24		25	
dorsal fin	103		111	
anal "	93		90	
caudal "	19		21	
radius	135 (about)		131 (about)	
length foot	60		62	
vent	39		34	
foot count	11		10	
Vent "	39			
ant fin depth	39		45	
longest fin ray	44		46	
" A ray	44		47	

Figure 1. The effect of the concentration of the H_2O_2 solution on the amount of the H_2O_2 consumed in the reaction of the H_2O_2 solution with the H_2O_2 solution.

STUDENT

FILING COVER

To Bind Completed Matter



Course given by

SUBJECT:

For the
NATIONAL SEPARATE-LEAF NOTEBOOK

Patented by E. W. Hill, July 5, 1898.